

ABSTRACT

A mobile station apparatus is provided that performs receive processing efficiently and reduces unnecessary power consumption. In this mobile station apparatus, a signaling detector (71) detects the timing transmit diversity mode of the base station of the HSDPA serving cell changes and reports this change timing to a controller (72). The controller (72) controls an HS-PDSCH receive processor (40) and HS-SCCH receive processor (50) to stop receive processing with respect to the HS-PDSCH sub-frame and HS-SCCH sub-frame corresponding to the change timing.